

**I CLAIM:**

1. A method of confirming proper receipt of e-mail, said method comprising the steps of:
  - obtaining an e-mail file which is intended by a sending party for transmission to a target e-mail address associated with a target party;
  - electronically transmitting the e-mail file from a first computer connected to a communications network and associated with the sending party;
  - delivering the e-mail file to a recipient e-mail address which is associated with a second computer connected to the communications network;
  - detecting a designated access event triggered by an accessing party and generally associated with e-mail retrieval from the recipient e-mail address;
  - upon a detection of the designated access event automatically executing the steps of:
    - providing notice of the delivered e-mail file to the accessing party,
    - discovering recipient data generally associated with the recipient e-mail address,
    - generating a confirmation of receipt notice containing the discovered recipient data, and

23           electronically transmitting the confirmation of  
24           receipt notice from the second computer to a return e-  
25           mail address associated with the sending party; and  
26           comparing the discovered recipient data contained in  
27           the confirmation of receipt notice with intended delivery  
28           information associated with the target party, whereby the  
29           sending party may determine whether the e-mail file was  
30           properly delivered.

2.   The method as in Claim 1,

          wherein the discovering step includes retrieving from  
the second computer a pre-recorded recipient data file  
containing pre-recorded recipient data.

3.   The method as in Claim 1,

          further comprising the steps of: obtaining accessing  
party identity information from the accessing party as a  
requisite condition for permitting access to the recipient  
e-mail address, and recording the accessing party identity  
information to an accessing party data file for resident  
storage in the second computer, and

          wherein the discovering step includes retrieving the  
accessing party data file from the second computer, and the  
step of comparing the discovered recipient data includes  
determining whether the accessing party identity information

12 is equivalent to or different from the intended target  
13 party, whereby the sending party may determine whether the  
14 accessing party triggering the access event was in fact the  
15 intended target party.

1 4. The method as in Claim 1,

2 further comprising the steps of: obtaining accessing  
3 party identity information from the accessing party as a  
4 requisite condition for operating a remote user computer,  
5 said remote user computer connected to the second computer  
6 via the communications network and operable by the accessing  
7 party to gain remote access to the recipient e-mail address,  
8 and recording the accessing party identity information to an  
9 accessing party data file for resident storage in the remote  
10 user computer, and

11 wherein the discovering step includes retrieving the  
12 accessing party data file from the remote user computer, and  
13 the step of comparing the discovered recipient data includes  
14 determining whether the accessing party identity information  
15 is equivalent to or different from the intended target  
16 party, whereby the sending party may determine whether the  
17 accessing party triggering the access event was in fact the  
18 intended target party.

1 5. The method as in Claim 1,

1            wherein the discovering step includes electronically  
2            tapping a remote connection between the second computer and  
3            a remote user computer which is operable by the accessing  
4            party to gain remote access to the recipient e-mail address  
5            via the communications network, for obtaining remote access  
6            information associated with the remote connection between  
7            the second computer and the remote user computer.

1            6.    The method as in Claim 1,

2                    further comprising the step of:

3                    transmitting and delivering to the recipient e-mail  
4                    address an executable attachment file in conjunction with  
5                    the e-mail file, the executable attachment file having a  
6                    first module for discovering the recipient data, a second  
7                    module for generating the confirmation of receipt notice,  
8                    and a third module for electronically transmitting the  
9                    confirmation of receipt notice, and

10                  upon the detection of the designated access event,  
11                  automatically executing the first, second, and third modules  
12                  of the executable attachment file.

1            7.    The method as in Claim 6,

2                    wherein the executable attachment file has fourth and  
3                    fifth modules transmitted and delivered therewith, the  
4                    fourth module for detecting the designated access event, and

5 the fifth module for providing notice of the delivered e-  
6 mail file to the accessing party, and  
7 further comprising the steps of:  
8 automatically executing the fourth module upon delivery  
9 of the attachment file to the recipient e-mail address, and  
10 upon the detection of the designated access event,  
11 automatically executing the fifth module of the executable  
12 attachment file.

1 8. The method as in Claim 1,  
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further comprising the step of determining, upon  
delivery of the e-mail file to the recipient e-mail address,  
whether the delivered e-mail file is of at least one  
designated file-type requiring a confirmation of receipt  
notice, and

wherein the detecting step occurs upon a determination  
that the delivered e-mail file is of the at least one  
designated file-type.

1 9. A method of confirming proper receipt of e-mail, said method  
2 comprising the steps of:

3 obtaining an e-mail file which is intended by a sending  
4 party for transmission to a target e-mail address associated  
5 with a target party;

6           electronically transmitting the e-mail file from a  
7           first computer connected to a communications network and  
8           associated with the sending party;

9           delivering the e-mail file to a recipient e-mail  
10          address associated with a second computer connected to the  
11          communications network;

12          detecting a designated access event triggered by an  
13          accessing party and generally associated with e-mail  
14          retrieval from the recipient e-mail address;

15          obtaining access event data of attendant conditions of  
16          the designated access event upon a detection of the  
17          designated access event;

18          upon obtaining the access event data, automatically  
19          executing the steps of:

20                 providing notice of the delivered e-mail file to  
21                 the accessing party,

22                 generating a confirmation of receipt notice  
23                 containing the access event data, and

24                 electronically transmitting the confirmation of  
25                 receipt notice from the second computer to a return e-  
26                 mail address associated with the sending party; and  
27                 comparing the access event data contained in the  
28                 confirmation of receipt notice with intended delivery  
29                 information associated with the target party, whereby the

30 sending party may determine whether the e-mail file was  
31 properly delivered.

10. The method as in Claim 9,

wherein the step of obtaining the access event data includes interactively requesting and receiving input from the accessing party.

1 11. The method as in Claim 9,

2 further comprising the steps of: obtaining accessing  
3 party identity information from the accessing party as a  
4 requisite condition for permitting access to the recipient  
5 e-mail address, and recording the accessing party identity  
6 information to an accessing party data file for resident  
7 storage in the second computer, and

8 wherein the step of obtaining access event data  
9 includes retrieving the accessing party data file from the  
10 second computer, and the step of comparing the access event  
11 data includes determining whether the accessing party  
12 identity information is equivalent to or different from the  
13 intended target party, whereby the sending party may  
14 determine whether the accessing party triggering the access  
15 event was in fact the intended target party.

1 12. The method as in Claim 9,

2 further comprising the steps of: obtaining accessing  
3 party identity information from the accessing party as a  
4 requisite condition for operating a remote user computer,  
5 said remote user computer connected to the second computer  
6 via the communications network and operable by the accessing  
7 party to gain remote access to the recipient e-mail address;  
8 and recording the accessing party identity information to an  
9 accessing party data file for resident storage in the remote  
10 user computer, and

11 wherein the step of obtaining access event data  
12 includes retrieving the accessing party data file from the  
13 remote user computer, and the step of comparing the access  
14 event data includes determining whether the accessing party  
15 identity information is the same as or different from the  
16 intended target party, whereby the sending party may  
17 determine whether the accessing party triggering the access  
18 event was in fact the intended target party.

1 13. The method as in Claim 9,

2 wherein the step of obtaining access event data  
3 includes electronically tapping a remote connection between  
4 the second computer and a remote user computer which is  
5 operable by the accessing party to gain remote access to the  
6 recipient e-mail address via the communications network, for  
7 obtaining remote access information associated with the



8 remote connection between the second computer and the remote  
9 user computer.

1 14. The method as in Claim 9,

2 further comprising the steps of:

3 transmitting and delivering to the recipient e-mail  
4 address an executable attachment file in conjunction with  
5 the e-mail file, the executable attachment file having a  
6 first module for obtaining the access event data, a second  
7 module for generating the confirmation of receipt notice,  
8 and a third module for electronically transmitting the  
9 confirmation of receipt notice, and

10 upon the detection of the designated access event,  
11 automatically executing the first module for obtaining the  
12 access event data, and

13 upon obtaining the access event data, automatically  
14 executing the second and third modules of the executable  
15 attachment file.

1 15. The method as in Claim 14,

2 wherein the executable attachment file has fourth and  
3 fifth modules transmitted and delivered therewith, the  
4 fourth module for detecting the designated access event, and  
5 the fifth module for providing notice of the delivered e-  
6 mail file to the accessing party, and

7 further comprising the steps of:

8 automatically executing the fourth module upon delivery  
9 of the attachment file to the recipient e-mail address, and  
10 upon obtaining the access event data, automatically  
11 executing the fifth module of the executable attachment  
12 file.

1 16. The method as in Claim 9,

2 further comprising the step of determining, upon  
3 delivery of the e-mail file to the recipient e-mail address,  
4 whether the delivered e-mail file is of at least one  
5 designated file-type requiring a confirmation of receipt  
6 notice, and

7 wherein the detecting step occurs upon a determination  
8 that the delivered e-mail file is of the at least one  
9 designated file-type.

1 17. A system for confirming proper receipt of e-mail transmitted  
2 over a communications network, said system comprising:

3 an e-mail file which is intended by a sending party for  
4 electronic transmission to a target e-mail address  
5 associated with a target party;

6 a first computer connected to the communications  
7 network and from which the sending party may electronically  
8 transmit the e-mail file;

9           a second computer connected to the communications  
10 network and associated with a recipient e-mail address, the  
11 second computer having a data storage location for storablely  
12 receiving the e-mail file thereon upon delivery to the  
13 recipient e-mail address;

14           first executable software means for detecting a  
15 designated access event which is triggered by an accessing  
16 party and which is generally associated with e-mail  
17 retrieval from the recipient e-mail address;

18           second executable software means for providing notice  
19 of the delivered e-mail file to the accessing party;

20           third executable software means for discovering  
21 recipient data associated with the recipient e-mail address;

22           fourth executable software means for generating a  
23 confirmation of receipt notice containing the recipient  
24 data; and

25           fifth executable software means for electronically  
26 transmitting the confirmation of receipt notice from the  
27 second computer to a return e-mail address associated with  
28 the sending party,

29           wherein the second, third, fourth, and fifth executable  
30 software means are configured for automatic execution upon  
31 detection of the designated access event by the first  
32 executable software means,

33           whereby a comparative examination of the confirmation  
34           of receipt notice by the sending party permits the sending  
35           party to determine whether the e-mail file was properly  
36           delivered.

1       18. The system as in Claim 17,

2           further comprising a pre-recorded recipient data file  
3           resident in the second computer and containing the recipient  
4           data, and

5           wherein the third executable software means for  
6           discovering operates to retrieve the pre-recorded recipient  
7           data file from the second computer.

1       19. The system as in Claim 17,

2           further comprising a remote user computer which is  
3           remotely connected to the second computer via the  
4           communications network and from which the accessing party  
5           may gain remote access to the recipient e-mail address, and

6           wherein the third executable software means operates to  
7           discover remote access information associated with the  
8           remote access of the recipient e-mail address from the  
9           remote user computer.

1       20. The system as in Claim 19,

2 further comprising accessing party identifier means  
3 resident on the second computer for obtaining accessing  
4 party identification information from the accessing party as  
5 a requisite condition for permitting access to the recipient  
6 e-mail address, said accessing party identifier means  
7 subsequently recording the accessing party identity  
8 information to an accessing party data file for resident  
9 storage in the second computer, and

10 wherein the third executable software means for  
11 discovering recipient data operates to retrieve the  
12 accessing party data file from the second computer.

1 21. The system as in Claim 19,

2 further comprising accessing party identifier means  
3 resident on the remote user computer for obtaining accessing  
4 party identification information from the accessing party as  
5 a requisite condition for operating the remote user  
6 computer, said accessing party identifier means subsequently  
7 recording the accessing party identity information to an  
8 accessing party data file for resident storage in the remote  
9 user computer, and

10 wherein the third executable software means for  
11 discovering recipient data operates to retrieve the  
12 accessing party data file from the remote user computer.

1     22. The system as in Claim 19,

2             wherein the third executable software means for  
3     discovering recipient data operates to electronically tap  
4     the remote connection between the second computer and the  
5     remote user computer, for obtaining remote access  
6     information associated with the remote connection between  
7     the second computer and the remote user computer.

1     23. The system as in Claim 17,

2             wherein the third, fourth, and fifth executable  
3     software means are third, fourth, and fifth modules,  
4     respectively, of an executable attachment file transmitted  
5     and delivered in conjunction with the e-mail file.

1     24. The system as in Claim 23,

2             wherein the first and second executable software means  
3     are first and second modules, respectively, of the  
4     executable attachment file, with said first module  
5     automatically executing upon delivery of the executable  
6     attachment file to the recipient e-mail address.

1     25. The system as in Claim 17,

2             further comprising a sixth executable software means  
3     for determining whether the delivered e-mail file is of at

4 least one designated field-type requiring a confirmation of  
5 receipt notice, and

6 wherein the first executable software means is  
7 automatically executed upon a determination that the  
8 delivered e-mail file is of the at least one designated  
9 file-type requiring a confirmation of receipt notice.